

FY 2015

**National Capital Region
Transportation Planning Board (TPB)**

**Work Program Progress Report
MAY • 2015**

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

Final funding availability for the FY 2016 UPWP was discussed with the funding agencies. Proposals for technical assistance projects in FY 2016 were proposed by WMTA and Virginia DRPT, and evaluated by TPB staff.

B. Transportation Improvement Program (TIP)

At its meeting on May 1st, the TPB Steering Committee approved one amendment to the FY 2015-2020 TIP to include additional funding for the VRE-Rolling Stock Acquisition Project, as requested by VDOT. Staff processed one TIP modification request from MDOT.

C. Constrained Long-Range Plan (CLRP)

A CLRP team was established to allow staff who work on different aspects of the CLRP to better communicate throughout the course of the development and approval cycle. This team began bi-weekly meetings that will continue throughout the year. Staff began finalizing the content for the brochure documentation of the 2014 Update to the CLRP.

D. Financial Plan

The financial summaries in the FY 2015-2020 TIP were reviewed and updated as administrative modifications and TIP amendments were approved. The financial summary was reviewed in comparison to information from the development of an unfunded projects list to compare operating expenditures and funds available for capital expansion.

E. Public Participation

On May 14 the Citizens Advisory Committee (CAC) was briefed on TPB Safety-related activities and provided with an update on the work of the COG Multi-sector Working Group on Greenhouse Gas Emissions Reductions. The committee also discussed the work of its various subcommittees.

Staff planned for the next session of the TPB's Community Leadership Institute, which was scheduled for June 3, 10, and 17. Planning efforts focused on recruitment and revising CLI curriculum.

Staff scoped out work activities to commemorate the TPB's 50th anniversary later this year. Staff selected a consultant to develop a video. Events are planned for November and December.

Staff worked with a consultant on the development of a style guide and templates for documents and presentations.

Staff worked on the update of pages on the COG website related to transportation.

F. Private Enterprise Participation

TPB staff continued preparations for the Annual Transit Forum in coordination with the two co-chairs of the Private Providers Task Force, including finalization of date and agenda, speaker invitations, private provider invitations, and meeting notices and logistics.

G. TPB Annual Report and TPB News

Four editions (every Tuesday) of *The TPB Weekly Report* were produced and emailed during the reporting period.

The *TPB News* was produced and distributed.

Staff wrote text for the new *Region* magazine.

H. Transportation / Land Use Connection Program (TLC)

Work proceeded on all of this year's nine TLC projects. Four TPB staff members are assigned to manage the projects.

The deadline for the solicitation for TAP projects in Maryland was May 15. Staff contacted the individual offices of TPB member jurisdictions to make sure local governments are aware of the program and to encourage them to apply if appropriate.

I. DTP Management

During May staff support was provided for the meetings of the TPB, the TPB Steering Committee, the State Technical Working Group and the TPB Technical Committee.

The DTP Director participated in MWAQC and Multi-Sector Working Group meetings.

The DTP Director participated in the monthly Tri-State Oversight Committee conference call.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

The TPB's Vehicle Probe Data Users Group met on May 14 and discussed preparations for the MAP-21 congestion/system performance-related rulemaking, preliminary recommendations on probe data processing, using WiFi sensors to detect arterial travel times, and the value of travel time reliability in transportation decision making.

The National Capital Region Congestion Report for the first quarter 2015 was completed and posted on www.mwcog.org/congestion.

Staff completed data analysis and provided results for the TPB Weekly Report released on May 19: [Memorial Day Holiday Traffic Expected to Peak on Thursday, Not Friday](#).

B. Management, Operations, and Intelligent Transportation Systems (MOITS) Planning

The May 14, 2015 joint meeting of the MOITS Technical Subcommittee and the MOITS Vehicle Probe Data Users Group was organized and conducted (see also Task 2.A.). The Subcommittee received information on a validation of traffic data collection via wifi sensors; the value of travel time reliability in transportation decision making; and MOITS-related aspects of regional Performance-Based Planning activities under MAP-21 requirements.

Staff continued coordinating with participating agencies in the regional traffic signals power backup Urban Area Security Initiative (UASI) grant in an effort to meet grant requirements, as well as providing technical advice to the Regional Emergency Support Function 1 (RESF-1) Emergency Transportation Committee for RESF-1's development of a strategic plan for the installation of traffic signal power backup at locations in the region critical for emergency management (see also Task 2.C.).

Staff began preparations for a MOITS Regional ITS Architecture workshop to take place in June.

Staff participated in a two-day I-95 Corridor Coalition Significant Events Conference, May 12-13, in Linthicum Heights, Maryland; the conference discussed best practices and lessons learned regarding transportation operations in major region wide planned or unplanned events.

Staff hosted and participated in the Annual Meeting of the Executive Board of the I-95 Corridor Coalition on May 28, discussing a number of emerging transportation operations and technology issues affecting the states and metropolitan areas of the Coalition.

Staff participated in the quarterly meeting of the Maryland State Highway Administration Coordinated Highways Action Response Team (CHART), May 29 in Hanover, Maryland.

C. Transportation Emergency / Security Planning

Staff provided support in the preparation of an agenda, coordination with the presenters for the June RESF-1 meeting. Staff provided input to the update of the Urban Area Security Initiative (UASI) driven strategic plan update. Staff continues to track the status of the Traffic Signals Power Backup Project by interacting with the State Administrative Agent as well as the jurisdictional representatives and facilitated setting up a training session for new sub grantees.

D. Transportation Safety Planning

The May 7th meeting of the Transportation Safety Subcommittee was organized and conducted in conjunction with the TPB Freight Subcommittee. The Subcommittee was briefed on the compilation of truck crash data; FMCSA's truck safety regulations; MAP-21 performance measures and ideas for implementation; FHWA initiatives in truck parking; and a briefing on Maryland's Safety Planning Bootcamp.

Staff attended a May 6th meeting with the GAO regarding cyclist and pedestrian safety and the USDOT's role in reducing crashes and fatalities.

Staff presented at the May 14th TPB Citizen's Advisory Committee on the compilation of regional crash data.

E. Bicycle and Pedestrian Planning

The May 19, 2015 meeting of the Bicycle and Pedestrian Subcommittee was organized and conducted. Prior to the meeting, staff met with representatives of the U.S. Government Accountability Office to discuss an upcoming USGAO study on pedestrian and bicycle safety, and identify actions that the USDOT could take to improve pedestrian and bicycle safety. Staff briefed the GAO representatives on the TPB's pedestrian and bicycle safety activities, and answered questions on the TPB's planning process.

At the request of several members of the Bicycle and Pedestrian Subcommittee, the USGAO representatives met with the Bicycle and Pedestrian Subcommittee as part of the regularly scheduled May 19 meeting. Subcommittee members were able to brief the USGAO representatives in detail on their own pedestrian and bicycle safety initiatives, and make suggestions on potential USDOT actions. Suggestions included better and more standardized crash reporting, gathering data on crashes that take place on trails, restoration of funding for education in the Transportation Alternatives program, and the

creation of a NHTSA protocol encouraging states to use Highway Safety Improvement Program funds for pedestrian and bicycle safety. The group also discussed the burden of documentation requirements for use of federal funds on critical pedestrian improvements, with the same levels of analysis documentation required for small projects (such as less than \$1 million) as for large projects, making use of federal funds cost-prohibitive for these small projects.

At its May 21st meeting the Subcommittee was also briefed on the top priority unfunded bicycle and pedestrian project list. Work will continue to the July Subcommittee meeting.

The Subcommittee was briefed on WMATA's study on connecting communities with walkable station areas. The study identified the effective "walk sheds" of the Metrorail stations, projects which could extend those effective walk sheds, and estimates the increase in ridership that would result from those improvements. Those estimates will be used to guide a strategic investment plan which will eventually cover all 91 station walk shed areas. WMATA will work with jurisdiction transportation staff to plan and implement the projects in the strategic investment plan.

Staff finalized the shared mapping tool and mapped a proposed inner loop bicycle beltway. Staff demonstrated the shared mapping tool at the May 21st Subcommittee meeting. Anyone with the link can use this on-line mapping tool. DTP staff will work with select Subcommittee members to develop a proposed outer loop route.

Staff provided technical advice for a potential "WALKWISE" employer outreach for walking program proposed to be added to the regional Commuter Connections program in conjunction with staffs of Commuter Connections, Montgomery County, and the North Bethesda Transportation Management District.

Staff attended a lecture on the Alliance for Bicycling and Walking's new benchmarking report.

F. Regional Bus Planning

The Regional Public Transportation Subcommittee did not meet in May. Staff continued to develop a structure and contents for the State of Public Transportation report, collected and reviewed inputs from the agencies.

TPB Staff continued discussion with State DOTs and providers of public transportation on the forthcoming MAP-21 rulemaking on performance provisions for transit state of good repair and safety. Other bus planning activities included TPB staff participation in meeting of WMATA's Jurisdictional Coordination Council.

G. Human Service Transportation Coordination

Staff attended the I-95 Corridor Coalition workshop on incidents and impacts on congestion. Staff developed an outline of a report on the 1-second Time Lapse Photography (TLAP) pilot study and met with the consultant to review the outline. Staff presented the findings of the TLAP pilot project to the Travel Forecasting Subcommittee. Staff discussed with DDOT representatives on the potential to develop bus travel time and delay information from the TLAP pilot study of 16th Street N.W.

H. Freight Planning

A joint meeting of the TPB Freight and Transportation Safety Subcommittees was prepared for and conducted. The theme of this joint meeting was truck safety.

Comments on the draft final version of the Regional Freight-Significant Analysis Network were received from the remaining key member agencies. Staff continued work on addressing the comments.

Staff completed an initial draft of section 1.0 of the National Capital Region Freight Plan describing the importance of freight to the region, the purpose of the Plan, the role of MPOs in freight planning, and the federal context (including MAP-21) for regional freight planning.

Staff received and addressed comments on the previously completed section 3.0 of the National Capital Region Freight Plan.

Staff began working on section 4.0 of the National Capital Region Freight Plan describing the economic and industry trends affecting freight, and the major freight issues affecting the Region.

Staff reviewed the draft 2015 Maryland Strategic Goods Movement Plan and provided comments to MDOT.

Staff attended the FHWA's national May Talking Freight seminar to learn about Improving Freight System Performance in Metropolitan Areas.

I. Metropolitan Area Transportation Operations Coordination Program Planning (MATOC)

The Metropolitan Area Transportation Operations Coordination (MATOC) Program is an operational partnership of the region's major transportation agencies, funded outside the UPWP, but with planning support provided by TPB staff.

In the May 2015 period, staff prepared for and participated in the MATOC Steering Committee meeting on May 1; the MATOC Transit Task Force on May 21; and the MATOC Operations Subcommittee on May 21. Staff also followed up on action items identified at previous meetings, and began preparations for June committee meetings. Activities were in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

2015 CLRP & FY2015-20 TIP

Staff completed travel demand modeling for 2015 and 2017 analysis years, and evaluated results. Staff is currently preparing for modeling work on additional analysis years 2020, 2025, 2030 and 2040.

Staff briefed MWAQC at its May 20th meeting about the TPB's approval of an updated Scope of Work, reflecting the use of MOVES2014 in the conformity analysis of the 2015 CLRP.

Staff forwarded the agenda of the monthly TPB meeting and supporting materials pertaining to air quality conformity to the consultation agencies in accordance with interagency consultation procedures.

B. Mobile Emissions Analysis

MWCOG Department of Environmental Programs (DEP) staff coordinated with state air agencies to develop fuel, meteorology and I/M program inputs to the MOVES2014 model, to be used in the conformity analysis of the 2015 CLRP. The inputs have been transmitted to DTP staff. The inputs will also support modeling activities undertaken by the Greenhouse Gas Multi-Sector Working Group (MSWG) project.

DTP staff has completed MOVES2014 modeling results for the analysis year 2015 as part of the 2015 CLRP air quality conformity analysis.

DTP and DEP staff coordinated efforts in regards to MSWG and participated in discussions related to the efforts to undertake cost-benefit analysis for various measures and practices suggested by the three sub-groups. Staff briefed the TPB Technical Committee (5/1), MWAQC TAC (5/12), TPB (5/20), and MWAQC (5/20) on efforts made to date. In a follow-up to the MSWG meeting (5/8) and subsequent data request (5/27), DTP staff transmitted requested transportation data to MSWG consultants (5/29).

Staff transmitted emissions model inputs to the DDOE's consultant for conducting air quality analysis for an Environmental Impact Screening Form (EISF), associated with a DC development project (5/18).

Staff provided emissions model inputs for use in a consolidated Environmental Impact Study (EIS) associated with the four proposed FBI headquarters locations to Louis Berger on behalf of the US GSA and the FBI (5/22).

C. Regional Studies

The MSWG consultant reviewed the TASK 3 draft technical memorandum that recommended a combined list of 22 bundled GHG reductions strategies for detailed quantitative analysis with the full MSWG on May 8th. The MSWG suggested some further refinements to the details of the strategies recommended for quantitative analysis, but reached overall agreement on the consultant recommendations.

With the consensus reached at the May 8th meeting the MSWG consultant began the detailed quantitative analysis of the combined list of 22 strategies. Staff met with the consultant to identify the available data needed by the consultant to perform the quantitative analysis of the strategies and began the assembly of these data from existing COG/TPB databases.

Staff presented to the TPB Technical Committee a draft regional list of more 600 unfunded transportation projects assembled from District of Columbia's "moveDC" plan, the Joint Transportation Priorities Letters from Charles, Frederick, Montgomery, and Prince George's counties in Maryland, the Northern Virginia Transportation Authority's "TransAction 2040" plan, the Washington Metropolitan Area Transit Authority's "Momentum" and "Connect Greater Washington" plans and additional unfunded projects from other adopted comprehensive or master plans submitted by individual jurisdictions.

Staff also prepared and presented to the TPB Technical Committee a mapping of the projects in the draft regional list of unfunded transportation projects where geospatial data on the location of these projects was available.

Staff worked with MDOT after the May 20th TPB meeting to further update the draft regional list of unfunded to include long term unfunded projects in the Maryland SHA Highway Needs Inventory because of the identified imbalance in the number of projects in this draft list from Maryland in comparison to the number of projects included from the District of Columbia and Virginia. Staff also worked to include additional unfunded bike and pedestrian projects in the TPB's Bicycle and Pedestrian Plan that not been included in the draft regional list of unfunded projects presented to the TPB Technical Committee.

Prepare Grant Applications for USDOT Grant Funding Programs

Staff completed TPB endorsement letters for jurisdictions applying for FY 2015 TIGER grants, which were sent to the TPB Chair for signature and then distributed to the applicant agencies.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff continued to research current commercial real estate trends, office vacancy rates, employee per square foot density assumptions and NAICS industry to land use type conversion factors using the Co-Star database.

Staff continued analysis of the IHS Global Insight population, household, and employment forecasts for the TPB Planning Region, self-employment data from Census American Communities Survey (ACS) and BEA military employment data for all jurisdictions in TPB planning region.

Staff presented to the Cooperative Forecasting and Data Subcommittee an analysis of self-employment by place of work for local jurisdictions in the region from the American Communities Survey (ACS) PUMS data.

Staff surveyed local jurisdictions on their needs for establishment level employment data that will be required in the preparation of Round 9.0 TAZ level forecasts.

4. **DEVELOPMENT OF NETWORK / MODELS**

A. Network Development

Staff finalized highway and transit network inputs for the 2017, 2020 and 2025 “No-Build” analysis years and have made them available for travel demand modeling.

Testing and refinement on the ArcGIS 10.2-based transportation network editor (COGTOOLS) has continued during May. The editor represents an enhancement to the ArcGIS 9.3-based editor that currently supports network development activities. It is expected that the new version of the tool will be brought into production use during the next (FY 2016 CLRP) air quality conformity analysis.

B. GIS Technical Support

Staff continued to monitor and manage the operational performance of the ArcGIS server. Staff performed ArcGIS software installations and upgrades on DTP user workstations.

Staff continued to gather spatial data in support of TPB's unfunded project list request. Staff worked with Program Coordination team staff to prepare a draft list of these projects and a draft interactive map of these for presentation to the TPB Technical Committee meeting.

Staff completed an online sketch planning tool for the Bicycle and Pedestrian Subcommittee to identify and map regional facilities that could be designed as an inner and outer 'bicycle beltway.'

Staff participated in meetings of a newly-formed CLRP project group; this cross-disciplinary group brings together staff from all teams responsible for producing data and products associated with the TPB's CLRP.

Staff completed assembling HERE (NAVTEQ) data for a consultant request related to a Maryland technical assistance project requiring a network dataset (routable) of Maryland streets.

Staff represented the GIS Committee at the May 14th meeting of the Chief Information Officers (CIO), participated in the May 19th meeting of the Mid-Atlantic Centerline Steering Committee, and planned and participated in the May 26th meeting of the GIS Committee meeting where the group continued to discuss the role of GIS in NextGen 9-1-1.

C. Models Development

Staff has spent considerable time during FY 2015 testing HOV and HOT modeling options recommended by consultants during the last fiscal year. Staff documented its evaluation in a technical memo dated 5/29.

COG staff and its consultant, Cambridge Systematics (CS), has made progress on several outstanding task orders:

- (Task Order 15.1) CS has submitted a draft report commenting on past recommendations regarding travel modeling improvements on 5/15. COG staff has reviewed and has submitted feedback. A final report is anticipated in June.
- (Task Order 15.2) CS has apprised the TFS of progress made on the development of a multi-year strategic plan for models development on 5/22. The consultant also continued to work on two reports that will support the strategic plan formulation. A draft version of the strategic plan is envisioned to be completed by June 30.
- (Task Order 15.4) Gallop Corporation (a subcontractor to CS), provided preliminary results on the application and evaluation of Public Transport (PT) on 5/8 and 5/29. PT is a new transit network processing module that is being considered as an alternative to the TRNBUILD module which is currently used in adopted travel demand model.

Staff completed its work summarizing the year-2000 Census Public Use Microdata Sample (PUMS), which is needed as an input to software, known as

EERPAT, which can be used to estimate greenhouse gas emissions. Technical documentation on this activity is underway.

Staff responded to three technical data requests (from BMC and two local consultants conducting project planning work in the region).

Two staff members from the Models Development team attended the 15th TRB National Transportation Planning Applications Conference, held in Atlantic City, New Jersey from May 17-21. At the conference, one COG staff member presented on the use of cellular data for the purposes of transportation planning.

Several staff attended a webinar about new vehicle trip and vehicle volume data that will soon be available from INRIX, which, in the past, has been known for its data on average vehicle speeds on road segments.

D. Software Support

Staff coordinated work efforts with the Information, Technology and Facilities Management (ITFM) team to: 1) improve the performance of travel demand servers and 2) prepare for the purchase of a new travel model server that would be used by the models development staff. The preparation included some travel model testing to determine the optimal technical specifications of the new server.

Staff performed data “house cleaning” to free up disk capacity on the travel modeling servers.

5. TRAVEL MONITORING

A. Cordon Counts

Staff completed the draft report for the Regional HOV Study and presented the findings to the Travel Forecasting Subcommittee on May 22nd.

B. Congestion Monitoring and Analysis

Staff attended the I-95 Corridor Coalition workshop on incidents and impacts on congestion. Staff developed an outline of a report on the 1-second Time Lapse Photography (TLAP) pilot study and met with the consultant to review the outline. Staff presented the findings of the TLAP pilot project to the Travel Forecasting Subcommittee. Staff discussed with DDOT representatives on the potential to develop bus travel time and delay information from the TLAP pilot study of 16th Street N.W.

C. Travel Surveys and Analysis Household Travel Survey (HTS)

Staff began an examination of Census Transportation Planning Product (CTPP) Transportation Analysis Districts (TADs) in relation to aggregations of TPB Transportation Analysis Zones (TAZs) to determine the feasibility of using the CTPP TADs for model validation purposes.

Staff began an identification of Inter-City Bus and Rail service providers that provide service that crosses the TPB external cordon line boundary.

Staff continued work on revising the RFP for the 2015 Geographically-Focused Household Travel Survey data collection.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff continued to update the CY2013 highway traffic data in the RTDC highway network. Staff requested and obtained VDOT continuous traffic count data for January to April, and followed up on the data request to MDSHA.

Staff continued the creation and update of ArcGIS Online (AGO) content for RTDC datasets including RTDC data from the Census Transportation Planning Package (CTPP) and continued to maintain the RTDC project web page on the AGIS Online Open Data model. Staff worked closely with Esri technical support staff to identify a way to display large RTDC traffic count datasets on the RTDC Open Data project page.

Staff attended the May 14th Vehicle Probe Data Users Group (VPDUG) - Management, Operations and Intelligent Transportation Systems (MOITS) Subcommittee Joint Meeting.

Staff participated in and prepared a summary following a conference call about NARC's Memo and Analysis Regarding FHWA NPRM on Performance Measures for Pavement and Bridge Condition.

Staff participated in Transportation Asset Management Expert Task Group (TAM ETG), convened by AASHTO and TRB as well as an AASHTO webinar on Transportation Asset Management 101 for Metropolitan Planning Organizations, and assisted with meeting summaries both events.

6. **TECHNICAL ASSISTANCE**

A. **DISTRICT OF COLUMBIA**

1. Program Development, Data Requests & Miscellaneous Services

No staff work activity during the reporting period.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the May HPMS Coordinating Committee meeting, participated in this meeting, and drafted the meeting summary for this meeting. At this meeting, COG/TPB staff reported on monthly traffic volume observed at Permanent Count Stations (PCS) and the short-term counting program.

Staff processed the April 2015 continuous traffic counts observed at HERE Stakeholder Application (formerly Traffic.com) stations on DDOT interstate and freeway sections as well as the April 2015 continuous traffic counts observed at DDOT owned PCS on interstates, freeway, primary arterials, and minor arterial sections. Staff coordinated with DDOT personnel who are performing PCS field inspection by providing them with a copy of the April summary with unusual data noted.

Staff prepared the vehicle summaries table, metadata summary, and future AADT for the 2014 Annual HPMS submittal. These data sets along with the traffic file and submittal letter were transmitted to DDOT. Documentation for these data sets was also updated.

Staff helped DDOT identify a table used by the console that was mis-assigning HPMSIDs to SSRSEGIDs.

Staff reviewed and approved 54 short-term counts. Staff provided clarification about one of the count locations to the short-term counting contractor. Staff reviewed and approved an invoice for the short-term counting contractor's services through April.

Staff began preparing the RFP and list of counting locations for a short-term counting contractor for fiscal year 2016.

Staff continued formatting and saving the 2014 counts to the DDOT Count Archive. Staff provided six historic counts from the DDOT Count Archive to DDOT staff, upon request.

3. Loading Berth Survey (formerly Bicycle Counts)

Staff and temporary field staff continued GIS, attribute, and imagery field data collection at loading berth locations specified by DDOT, using a tablet and DDOT's ArcGIS mobile application.

4. Other Tasks to Be Defined

No staff work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

No staff work activity during the reporting period.

2. Project Planning Studies

TPB staff continued with participation in MTA's Southern Maryland Rapid Transit Study designed to evaluate bus rapid transit options on MD 5 in Prince George's and Charles Counties

3. Feasibility/Special Studies

Staff continued working on MD 355 and US 29 studies, currently in the "Purpose-and-Need" stage of the process. In support of the projects, DTP staff delivered additional model output to SHA consultants. Furthermore, staff met with MD SHA staff and the two project teams to discuss input assumptions, schedule, public hearings, additional deliverables, model results and alternative methods of estimating trip making. Staff coordinated project efforts with MD SHA staff throughout the month of May.

4. Transportation Performance Measures

No staff work activity during the reporting period.

5. Training/Miscellaneous Technical Support

No staff work activity during the reporting period.

6. Transportation / Land Use Connections Program (TLC)

As part of the Transportation/Land-Use Connections Program (1.H. above), four technical assistance projects in Maryland are being fully or partially funded under this PE number. See 1.H. above for further details about the TLC Program.

7. Human Services Transportation Study/ Follow-up and Support

No staff work activity during the reporting period.

8. Other Tasks Yet to Be Defined

No staff work activity during the reporting period.

C. VIRGINIA

1. Data/Documentation Processing

Staff attended the May I-66 oSTAG meeting and the May CTB meeting and workshop held in Tysons Corner.

2. Travel Monitoring and Survey

Staff began preparing a technical memorandum on the most recently completed set of bicycle and pedestrian counts.

3. Travel Demand Modeling

No staff work activity during the reporting period.

4. Regional and Sub-Regional Studies

Staff began air quality conformity testing activities associated with the I-66 outside the Beltway and inside the Beltway study options.

Staff met with the National Park Service to discuss the Regional Bus Staging Study on May 4th. Staff reconvened the steering committee for the Regional Bus Staging Study on May 11th to discuss post-study actions. Staff prepared a brief memo to the TPB summarizing the discussion. Staff began preparing the supplemental memorandum to serve as a companion to the study as agreed during the May 11th meeting. Staff presented the findings of the regional bus staging study to the NVTA JACC on May 14th and to the Authority on May 28th.

COG/TPB's contractor conducted the flights for aerial roadway monitoring of VA 28 to support study activities within the corridor and began processing the collected data.

Staff attended the May I-66 oSTAG meeting and the May CTB meeting and workshop held in Tysons Corner. Staff reviewed information on VDOT and DRPT's planned long distance commuter bus study for FY2016. Staff attended the VTrans Regional Forum on May 27th.

5. Other Tasks Yet to be Defined

No staff work activity during the reporting period.

D. **WMATA**

1. Program Development

WMATA's technical assistance program and COG role for FY 2016 was discussed. Staff met to review a proposal for an FY2016 technical assistance project and develop the COG role. For further coordination with WMATA.

2. Miscellaneous Services

A WMATA request for environmental support was coordinated with COG Department of Environmental Programs staff.

3. 2014 Metrobus Passenger On-Board Survey

Staff completed the documentation for the geocoding of the survey and file format document for use in WMATA analysis.

7. **CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM**

A. CASP 27

1. Air Cargo Element Update

Staff continued work on the supply analysis for the Air Cargo Element and presented updated baseline information to the Aviation Technical Subcommittee on May 28th. Staff prepared the draft CASP 30 grant application and presented it to the Aviation Technical Subcommittee on May 28th. Staff presented the draft RFP for the 2015 Air Passenger Survey to the Aviation Technical Subcommittee on May 28th.

2. Update Ground Access Forecasts/Ground Access Element

Staff presented the draft ground access forecast report and tables to the Aviation Technical Subcommittee on May 28th. Staff prepared materials for and presented information regarding FAA reauthorization to the COG Board of Directors on May 13th.

3. 2013 Air Passenger Survey

No staff work activity during the reporting period.

8. **SERVICES/SPECIAL PROJECTS**

No staff work activity during the reporting period.

**FY 2014 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**

May 31, 2014

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	72,800.00	58,250.45	80%
B. Transportation Improvement Program (TIP)	247,800.00	155,420.48	63%
C. Constrained Long-Range Plan	506,100.00	421,540.18	83%
D. Financial Plan	94,900.00	91,314.78	96%
E. Public Participation	434,700.00	313,713.36	72%
F. Private Enterprise Participation	18,800.00	4,272.58	23%
G. Annual Report	82,500.00	72,254.41	88%
H. Transportation / Land Use Connection Program	430,300.00	174,407.47	41%
I. DTP Management	464,200.00	352,911.69	76%
SUBTOTAL	2,352,100.00	1,644,085.41	70%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	211,000.00	175,595.49	83%
B. Management, Operations & ITS Planning	300,500.00	268,006.23	89%
C. Emergency Preparedness Planning	77,600.00	34,249.72	44%
D. Transportation Safety Planning	128,800.00	93,616.56	73%
E. Bicycle and Pedestrian Program	125,000.00	125,561.96	100%
F. Regional Bus Planning	110,043.00	102,941.44	94%
G. Human Service Transportation Coordination Planning	141,200.00	145,365.62	103%
H. Freight Planning	114,500.00	96,848.77	85%
I. MATOC Program Planning & Support	123,600.00	93,890.65	76%
SUBTOTAL	1,332,243.00	1,136,076.44	85%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	584,600.00	561,919.55	96%
B. Mobile Emissions Analysis	707,200.00	619,959.56	88%
C. Regional Studies	531,800.00	473,055.17	89%
D. Coord. Cooperative Forecasting & Trans Planning	831,000.00	681,254.30	82%
SUBTOTAL	2,654,600.00	2,336,188.57	88%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	792,800.00	600,755.33	76%
B. GIS Technical Support	668,300.00	407,667.87	61%
C. Models Development	1,053,400.00	845,527.22	80%
D. Software Support	184,300.00	172,235.48	93%
SUBTOTAL	2,698,800.00	2,026,185.90	75%
5. TRAVEL MONITORING			
A. Cordon Counts	258,400.00	212,624.68	82%
B. Congestion Monitoring and Analysis	373,200.00	255,597.21	68%
C. Travel Survey and Analysis			
Household Travel Survey	370,400.00	157,542.07	43%
D. Regional Transportation Clearinghouse	327,400.00	211,485.74	65%
SUBTOTAL	1,329,400.00	837,249.70	63%
SUBTOTAL CORE PROGRAM ITEMS 1-5	10,367,143.00	7,979,786.03	77%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	340,600.00	188,487.02	55%
B. Maryland	676,000.00	434,507.64	64%
C. Virginia	469,599.00	314,196.10	67%
D. WMATA	196,200.00	130,124.78	66%
SUBTOTAL	1,682,399.00	1,067,315.56	63%
TPB GRAND TOTAL	12,049,542.00	9,047,101.57	75%

**FY 2014 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

May 31, 2014
SUPPLEMENT 1

	TOTAL		FTA/STA/LOC		PL FUNDS/LOC	
	AUTHORIZED BUDGET	TOTAL EXPENDITURES	AUTHORIZED BUDGET	FTA EXPENDITURES	AUTHORIZED BUDGET	FHWA EXPENDITURES
A. District of Columbia						
1. Program Development, Data Requests & Misc. Services	10,000	1,132.90	1,266	143	8,734	989.43
2. Traffic Counts & Highway Performance Mgmt System	235,000	161,404.66	29,761	20,441	205,239	140,963.74
3. Bicycle Counts	17,600	1,234.62	2,229	156	15,371	1,078.27
4. Weigh In Motion Station Counts	20,000	10,000.00	2,533	1,266	17,467	8,733.56
5. Peak Period Street Restrictions Study	58,000	14,714.83	7,345	1,864	50,655	12,851.29
6. Outdoor Sign Inventory Update	0	0.00	0	0	0	0.00
7. NOT IN USE	0	0.00	0	0	0	0.00
SUBTOTAL	340,600	188,487.02	43,135	23,871	297,465	164,616.28
B. Maryland						
1. Program Development/Management	20,000	16,327.65	2,533	2,068	17,467	14,259.85
2. Project Planning Studies	150,000	111,090.43	18,997	14,069	131,003	97,021.50
3. Feasibility/Specials Studies	208,000	132,661.05	26,342	16,801	181,658	115,860.34
4. Transportation Performance Measures	108,000	65,518.92	13,678	8,298	94,322	57,221.34
5. Training/Technical Support	30,000	15,007.91	3,799	1,901	26,201	13,107.25
6. Statewide Transportation Model Support	0	0.00	0	0	0	0.00
7. Transportation/Land Use Connections Program	160,000	93,901.69	20,263	11,892	139,737	82,009.61
8. Human Services Transportation Study	0	0.00	0	0	0	0.00
9. Other Tasks to be defined	0	0.00	0	0	0	0.00
SUBTOTAL	676,000	434,507.64	85,611	55,028	590,389	379,479.90
C. Virginia						
1. Data/Documentation processing	7,000	7,155.40	887	906	6,113	6,249.21
2. Travel Monitoring Survey	200,000	158,353.85	25,329	20,055	174,671	138,299.30
3. Travel Demand Modeling	25,000	31,269.32	3,166	3,960	21,834	27,309.25
4. Regional and Sub-Regional Studies	237,599	117,417.53	30,090	14,870	207,509	102,547.31
5. Other Tasks to be Defined	0	0.00	0	0	0	0.00
6. NOT IN USE	0	0.00	0	0	0	0.00
7. NOT IN USE	0	0.00	0	0	0	0.00
8. NOT IN USE	0	0.00	0	0	0	0.00
SUBTOTAL	469,599	314,196.10	59,472	39,791	410,127	274,405.08
D. WMATA						
1. Program Development	2,500	569.95	2,500	570	0	0.00
2. Miscellaneous Services	2,500	0.00	2,500	0	0	0.00
3. Bus Passenger Counts 2013	191,200	129,554.83	191,200	129,555	0	0.00
4.	0	0.00	0	0	0	0.00
5.	0	0.00	0	0	0	0.00
SUBTOTAL	196,200	130,124.78	196,200	130,125	0.00	0.00
GRAND TOTAL	1,682,401	1,067,315.54	384,418	248,814	1,297,981	818,501.26